

Athol

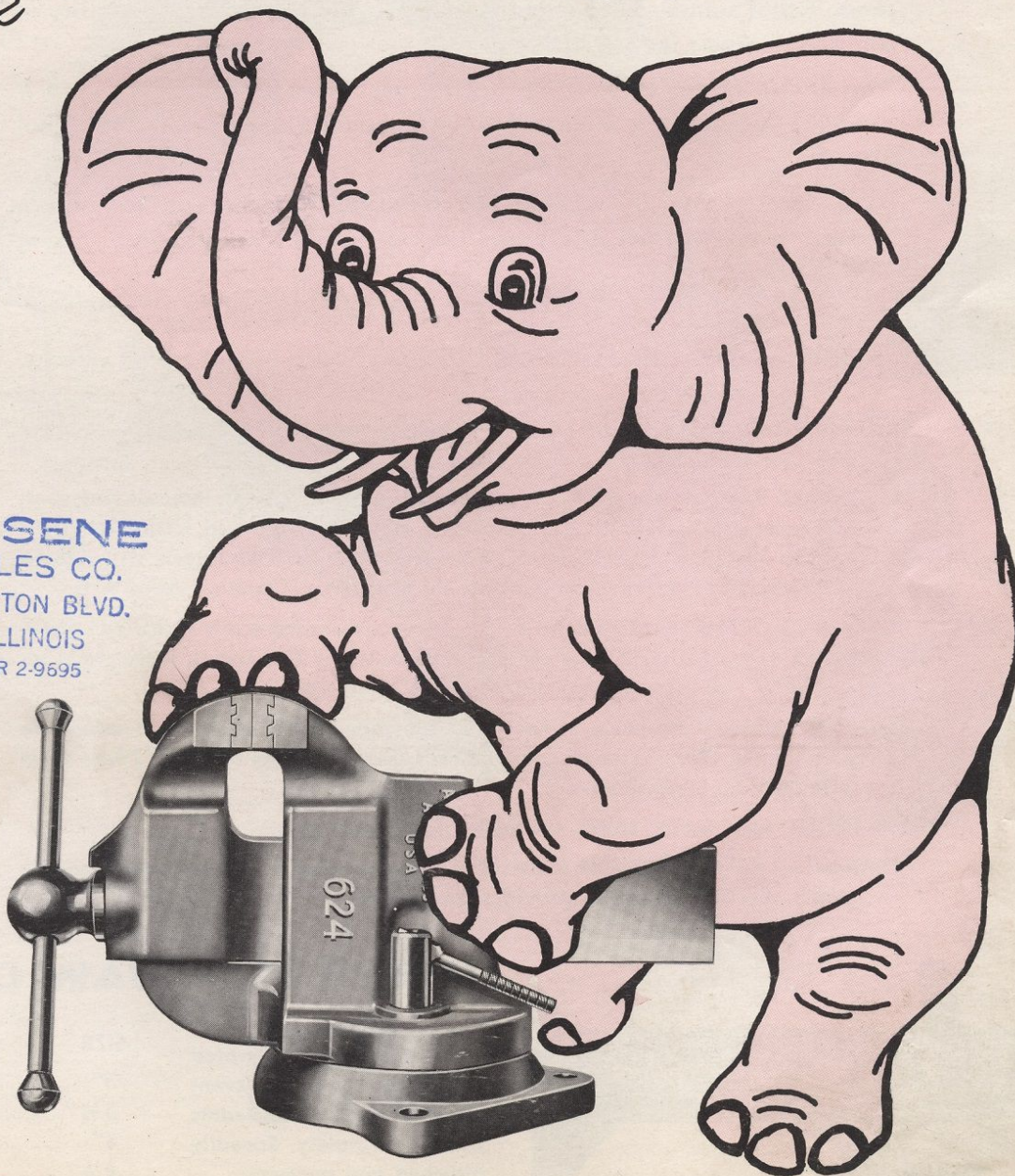
VISES

STRENGTH WHERE STRENGTH IS NEEDED

GUARANTEED SINCE 1868

The world's finest industrial vises

BOB ROSENE
DURRIE SALES CO.
605 W. WASHINGTON BLVD.
CHICAGO 6, ILLINOIS
FR 2-9595 FR 2-9695



Athol

MACHINE & FOUNDRY COMPANY

Athol

VICES ARE BUILT STRENGTH

When you buy Athol vises you get products that are engineered and built to take life-long grueling punishment. They are specifically designed for various uses, based on over 90 years of specialized vise experience.

All Athol vises are made to Athol's own rigid specifications, using carefully controlled material analysis, and meet or exceed Federal specifications. Athol standards of manufacture provide rugged dependability in the world's finest industrial vises.

This is the significance of the expression, "*strength where strength is needed*". We sincerely believe there is no better vise made than an Athol vise.

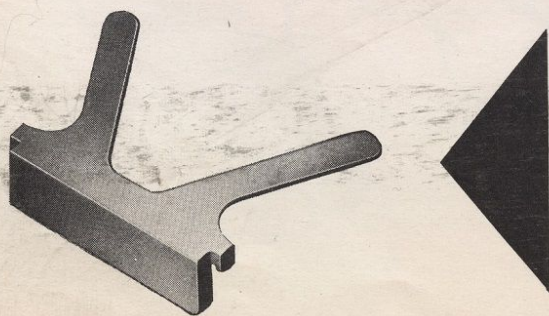
Solid construction throughout. Balanced weight concentrated where strength is needed. All Athol vises are cast in our own foundry.

SOME IMPORTANT AND EXCLUSIVE

Athol

FEATURES ARE ILLUSTRATED

- 1—**HEAVY HORN** provides added rigidity when vise is opened to full capacity. This is an Athol first.
 - 2—**BUTTRESS THREAD** adds 50% more strength at the root of the thread — where it is most needed. An Athol exclusive.
 - 3—**SWIVEL BASE** cannot slip because grooves are cast in, like an internal ring gear, and tapered DROP-FORGED clamp bolt is similarly grooved. Clamp handle is easy to operate, swings back out of the way of work. Two fingers will tighten the clamp, but two men cannot turn the vise. This is another Athol first.
 - 4—**SPRING SCREW FASTENER** holds the buttress-threaded screw tight. NO SLIP-PAGE OR BACKLASH. Wear is compensated by this spring screw, held securely by two collars and a pin. Another Athol first.
 - 5—**JAW FACINGS** are made of tool steel, machine-milled deeply, and *welded in place*. They cannot come loose, and will last as long as the vise. *There is no substitute for welded jaws.*
 - 6—**FRONT AND BACK JAWS** are made of solid cast iron.
- Optional — **RATCHET HANDLE** is useful to the toolmaker for making quick adjustments. Again, only Athol provides this feature.



BRASS VISE JAW CAPS

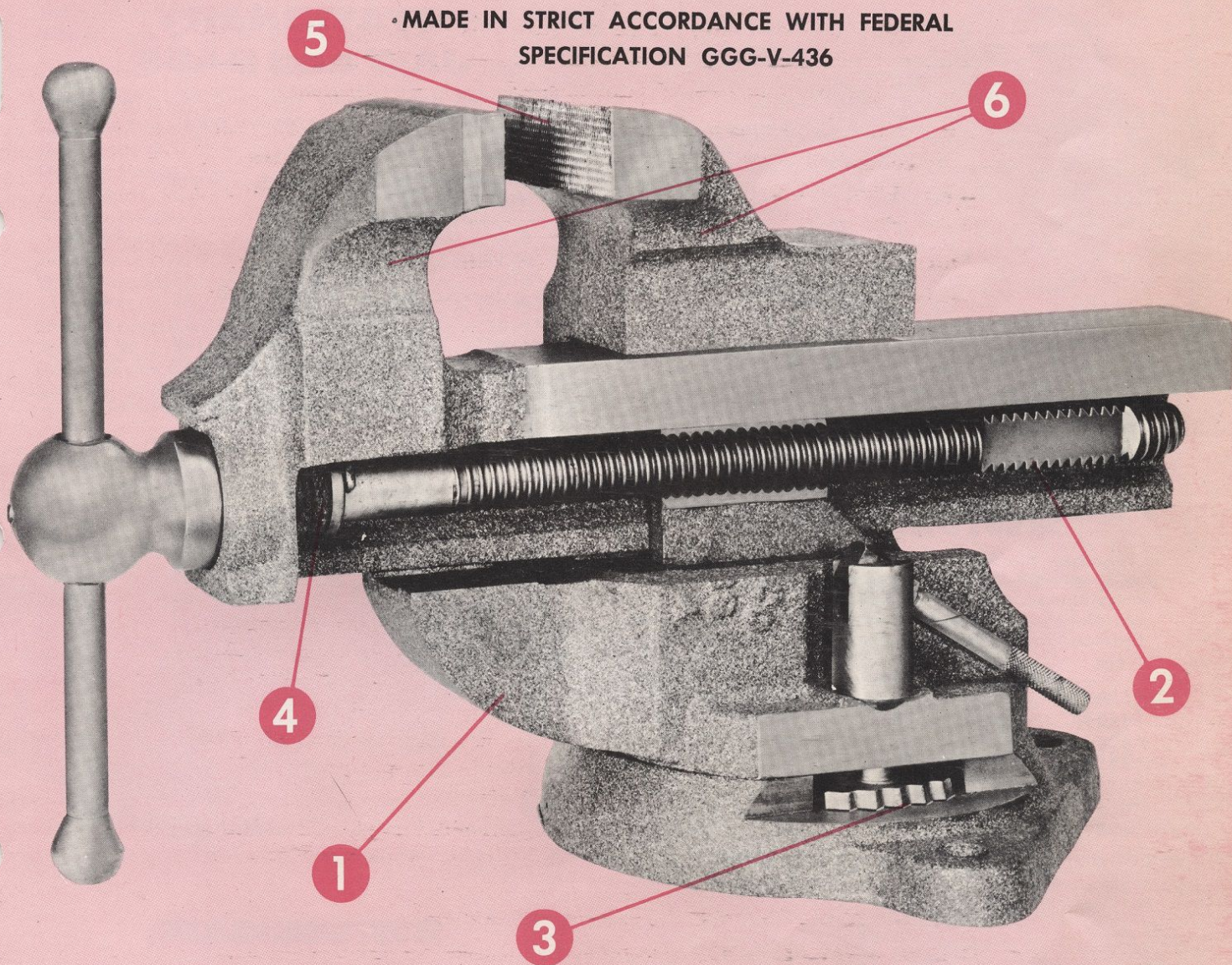
Designed to cover serrated jaw faces snugly to prevent marking of soft materials when held rigidly. Speedily attached and removed.

SIZE	LIST
3"	\$4.60
3 1/2"	5.40
4"	6.40
4 1/2"	7.40
5"	9.20

FOR RUGGED, LONG-LASTING SERVICE

WHERE STRENGTH IS NEEDED

MADE IN STRICT ACCORDANCE WITH FEDERAL
SPECIFICATION GGG-V-436



ALL ATHOL VISES ARE INDIVIDUALLY PACKAGED

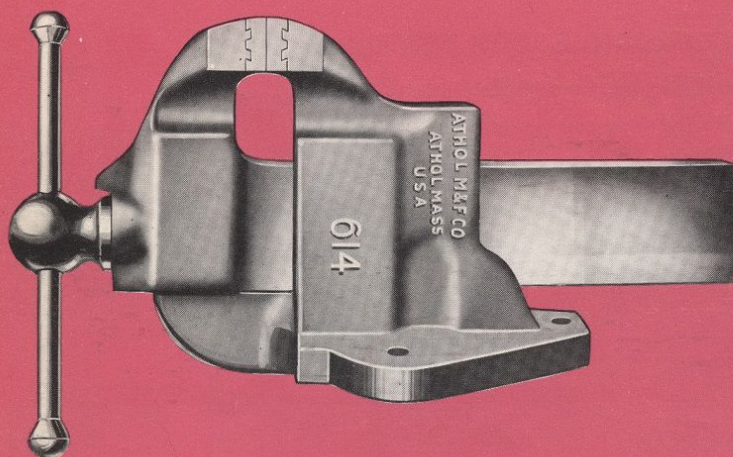
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MACHINISTS' VISES

STRENGTH WHERE STRENGTH IS NEEDED

Meet all requirements of the smallest to the largest machine shop.
Available in three types and wide range of sizes.



STATIONARY JAW and BASE

For rugged dependability you can't beat this "work-horse". High quality at economical price.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
613	3	4	22	\$28.00
*613 1/2	3 1/2	5	30	32.00
*614	4	6	47	38.00
*614 1/2	4 1/2	7	65	48.00
*615	5	8	82	62.00
*616	6	9 3/4	148	116.00
618	8	12 1/4	257	220.00

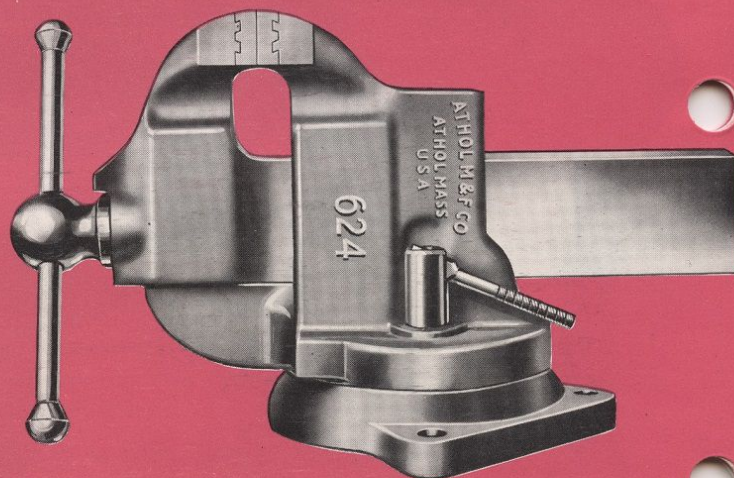
*Can be furnished with replaceable steels if desired.

STATIONARY JAW, SWIVEL BASE

Incorporates the famous Athol positive-lock swivel. Designed for life-long service. See No. 3, page 2.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
623	3	4	27	\$36.00
*623 1/2	3 1/2	5	40	42.00
*624	4	6	57	50.00
*624 1/2	4 1/2	7	75	62.00
*625	5	8	95	84.00
*626	6	9 3/4	178	144.00
628	8	12 1/4	303	280.00

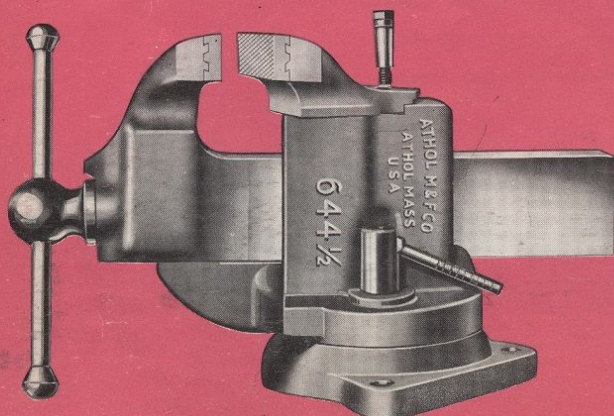
*Can be furnished with replaceable steels if desired.



SWIVEL JAW, SWIVEL BASE

Adjustable back jaw stationary with pin in place. Removal of pin allows adjustment for tapered work with maximum gripping. Especially adaptable for tool and die room for wide range of work.

Cat. No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
643 1/2	3 1/2	4 1/2	40	\$60.00
644 1/2	4 1/2	6 1/8	80	84.00
646	6	9 3/4	178	180.00



ALL ATHOL VISES AND PARTS ARE

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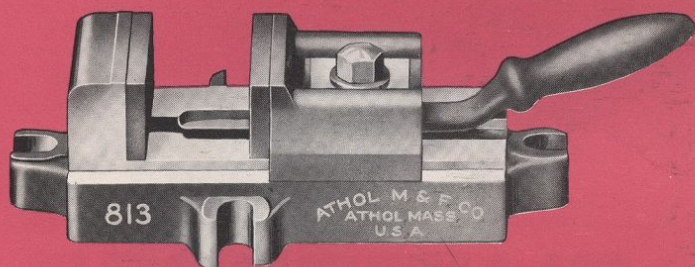
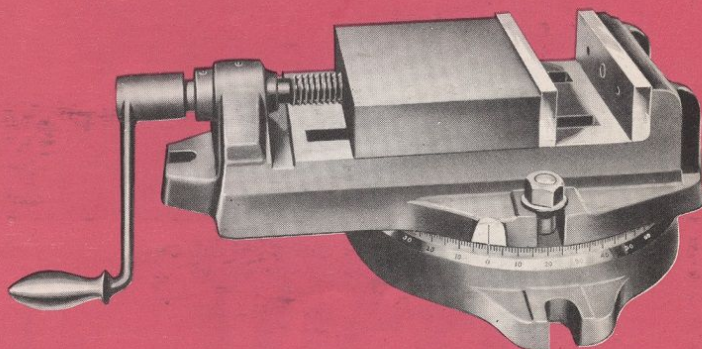
Swivel indexing base is removable. Base accurately graduated over 180 degrees on indexing machine — **not hand stamped**. Easily set for any angle required. Vise can be easily removed from swivel base by loosening two bolts, and used as plain milling machine vise. Removable jaw facings made of hardened alloy tool steel.

Catalog No.	1024	1026	1027
Jaw Width, in.	4	6	7
Max. Jaw Opening, in.	3 1/8	4	4 3/4
Jaw Depth, in.	1 3/8	1 5/8	1 5/8
Over-all Height, with base, in.	4 3/8	5 5/8	5 3/4
Over-all Height, without base, in.	2 7/8	3 3/4	3 3/4
Swivel Base Dia., in.	8 1/4	10 1/8	11 3/8
Width, without base, in.	7 3/8	9 1/4	10 5/8
Over-all Length, in.	13 7/8	17	20 1/4
Weight, lb.	32	70	103
List Price, with base	\$62.50	\$81.50	\$136.50
List Price, without base	\$50.50	\$64.50	\$115.50

MILLING MACHINE VISES

STRENGTH WHERE STRENGTH IS NEEDED

Use them in place of expensive jigs and fixtures.
Dependable. Accurate.



DRILL PRESS AND MILLING MACHINE SPEED VISE

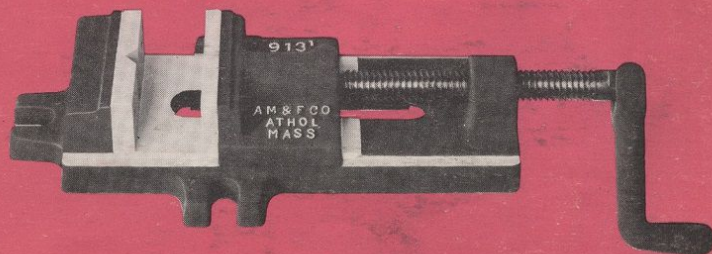
Designed for speed in drilling and milling. Replaces high-priced jigs and fixtures. Full movement of handle opens jaws 1/8 in. Attaching special jaws converts vise into special jig or fixture.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
813	3	3 1/8	13	\$52.00

STANDARD DRILL PRESS VISE

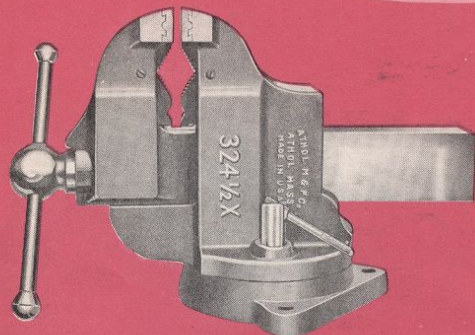
Standard drill press and milling machine vise. Built for years and years of rugged service.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
913 1/2	3 1/2	4 1/8	14	\$18.75



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COMBINATION VISES

STRENGTH WHERE STRENGTH IS NEEDED

STATIONARY JAW, SWIVEL BASE

Jaws withstand strain of pipe work, made of hardened tool steel. Stands up under tough service. Easily replaceable grips do not project beyond face of vise jaws.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Pipe Size, in.	Weight, lb.	List Price
323 1/2	3 1/2	4 1/4	1/8 - 2 1/2	46	\$52.00
324 1/2 X	4 1/2	6 1/4	1/8 - 3 1/2	85	74.00
325X	5	7 5/8	1/8 - 4 1/2	115	114.00
326X	6	8 5/8	1/4 - 6	215	180.00

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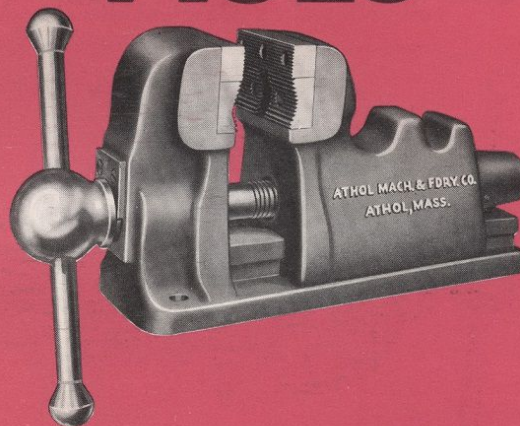
HEAVY DUTY DESIGN FOR ALL CONSTRUCTION and MAINTENANCE USES

Vise is heavy enough to use in bending heavy iron bars. 5" x 4" of gripping surface. 6" depth from top of jaw to screw. Only back jaw moves, keeping work on bench. Serrated replaceable tool-steel jaws.

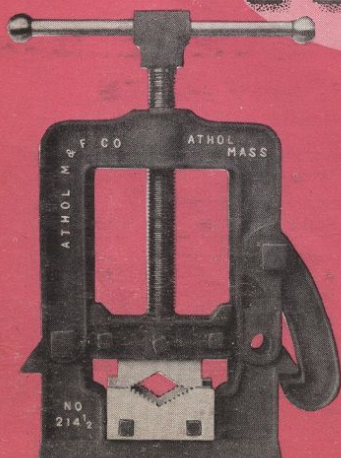
Catalog No.	Jaw Width, in.	Max Jaw Opening, in.	Pipe Size, in.	Weight, lb.	List Price
1115	5	7	1/8 - 6	150	\$105.00

STEAMFITTERS' VISES

STRENGTH WHERE STRENGTH IS NEEDED



Athol



PLUMBERS' VISES

STRENGTH WHERE STRENGTH IS NEEDED

Tool-steel interlocking replaceable jaws are heat treated and milled for long-life. Heavy-duty malleable frame. Self-locking hook. Steel screw with tapered-ball end handle.

Catalog No.	Pipe Size, in.	Weight, lb.	List Price
212	1/8 - 2	10	\$12.35
212 1/2	1/8 - 2 1/2	14	14.60
213 1/2	1/8 - 3 1/2	18	22.15
214 1/2	1/8 - 4 1/2	30	28.80
216	1/8 - 6	49	65.00
218	1 - 8	81	131.50

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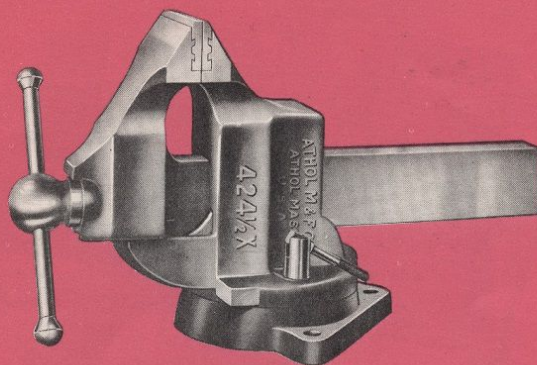
STATIONARY JAW, SWIVEL BASE

Designed especially for sheet-metal and wood working. Has extra-long beam and high, rigid, smooth-faced jaws to grip large pieces firmly. Made with material identical to Athol machinists' vises.

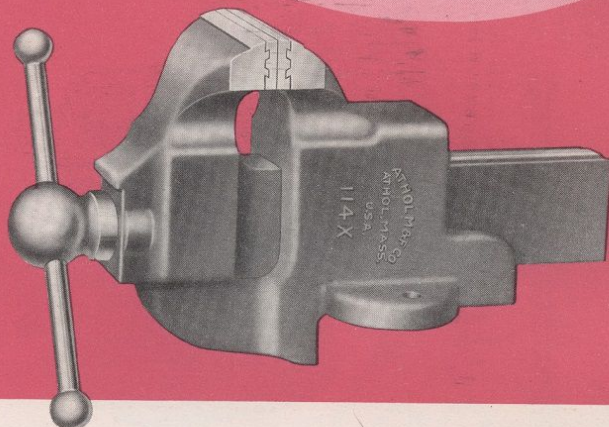
Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
424 1/2 X	4 1/2	10 1/2	87	\$70.00

SHEETMETAL VISES

STRENGTH WHERE STRENGTH IS NEEDED



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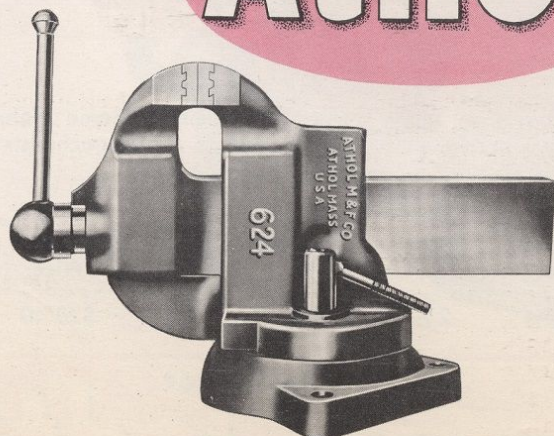
UTILITY VISES

STRENGTH WHERE STRENGTH IS NEEDED

Designed especially for rugged, dependable service in private garage, home workshop, farm and service station. An excellent normal-duty vise where heavy duty is not required.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
114X	4	5 1/4	30	\$23.50
114 1/2 X	4 1/2	6 1/4	41	26.75

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MACHINISTS' VISES WITH RATCHET HANDLES

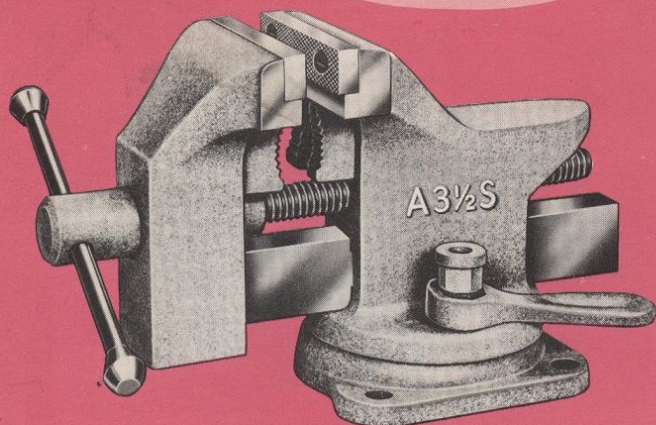
STATIONARY JAW, SWIVEL BASE, or STATIONARY BASE

Suitable for tool-room or duplication work. Handle is easily set at any convenient angle for grip and leverage.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
Stationary Jaw, Stationary Base				
613RH	3	4	22	\$33.75
613 1/2 RH	3 1/2	5	30	38.50
614RH	4	6	47	45.50
Stationary Jaw, Swivel Base				
623RH	3	4	27	\$41.50
623 1/2 RH	3 1/2	5	40	48.50
624RH	4	6	57	57.50

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STRENGTH WHERE STRENGTH IS NEEDED

Replaceable Pipe Grips
Athol Exclusive Buttress Thread
360° Swivel Base
Solid Steel Sliding Bar
Athol Exclusive Locking Nut and Handle
Replaceable Tool Steel Jaws

Jaw Width 3 1/2 in.
Jaw Opening 3 in.
Pipe Jaw Capacity 1/8 in. to 1 1/4 in.

WEIGHT
17 1/2 lbs.

List \$11.50 EAST
List 13.25 WEST

Minimum Order, One Case—6 to Case

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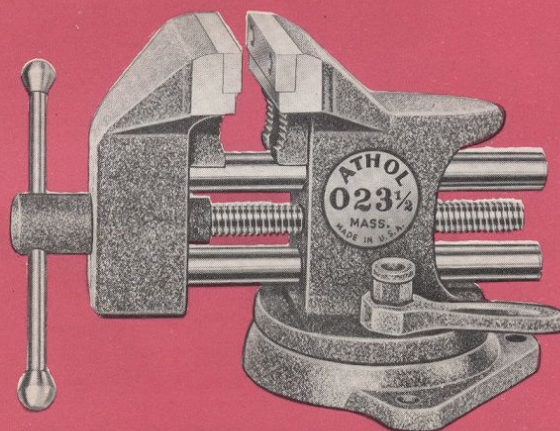
STATIONARY JAW, SWIVEL BASE

The best for home workshop or garage. Unmatched features. Full 1 1/2" bearing on sides and screw. Anvil surface. Solid steel slides. Athol buttress thread. Swivel-wrench locking. Full 360 deg. swivel base. Solid-screw back-thrust collar. Tapered no-pinch handle. Replaceable pipe grips. Replaceable steel serrated jaws.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Pipe Size, in.	Weight, lb.	List Price
023	3	3	1/8 - 1	14	\$15.00
023 1/2	3 1/2	3 3/4	1/8 - 1 1/4	19	16.50
024	4	5	1/8 - 2	27	21.00

UNIVERSAL VISES

STRENGTH WHERE STRENGTH IS NEEDED



PRECISION INSTRUMENT VISES

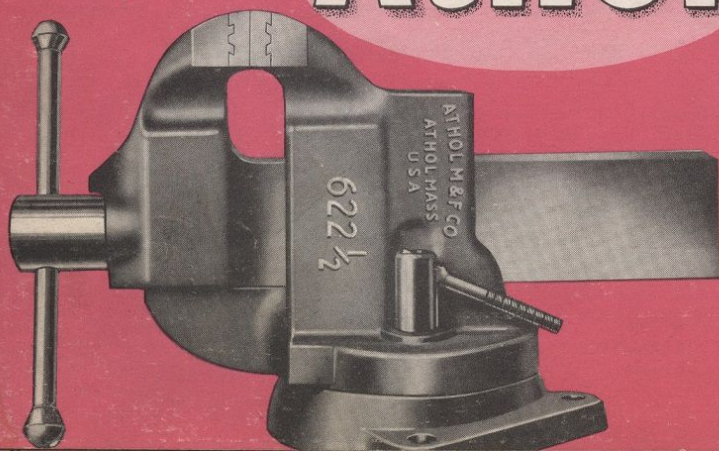
STRENGTH WHERE STRENGTH IS NEEDED

For makers of small precision instruments. Same high-quality workmanship and material as Athol machinists' vises. Made with ground smooth jaws only.

Catalog No.	Jaw Width, in.	Max. Jaw Opening, in.	Weight, lb.	List Price
622 1/2	2 1/2	3 1/2	16	\$28.40

YOUR DISTRIBUTOR

Athol



ATHOL VISES

Controlled Material Analysis — Made to Athol Rigid Specifications

ATHOL MACHINE & FOUNDRY CO.

Athol, Massachusetts, U. S. A.

SALES OFFICES

11 Warren St.
New York, N. Y.

605 W. Washington Blvd.
Chicago 6, Ill.

1515 15th Ave. W.
Seattle, Wash.

2864 Rock Glen Ave.
Los Angeles, Cal.

Athol Stocking Distributors' Net Price Sheet

TERMS OF PAYMENT: Net 30 days, 2% for cash if paid on or before 10th of the month following shipment.

DELIVERY: F. O. B. Athol, Massachusetts. On orders of \$150.00 net or over we will allow the lowest available rate—not including stordor delivery—to destination in the continental United States, (except Alaska, where freight will be allowed to Seattle, Washington). No freight allowed on orders less than \$150.00 net invoice value.

SALES TAXES: If any, are to be charged as a separate item, not subject to cash discount.

RETURNED GOODS will not be accepted for credit without our permission and transportation charges prepaid. A minimum charge of 10% will be made to cover handling (except for defective goods or error made on our part). Goods returned must show date and register number of invoice.

We will honor no cancellation after shipment has been made.

Prices and Terms subject to change without notice.

Distributors are urgently requested to sell at not less than our exact Net Resale Price.

Machinists' Vises—Stationary Jaw and Stationary Base

Vise No.	Jaw Inches	List Price	Athol Stocking Distributor at 12-30%	Resale Prices at 12%
613	3	\$28.00	\$17.24	\$24.64
613½	3½	32.00	19.71	28.16
614	4	38.00	23.40	33.44
614½	4½	48.00	29.56	42.24
615	5	62.00	38.19	54.56
616	6	116.00	71.45	102.08
618	8	220.00	135.52	193.60

Machinists' Vises—Stationary Jaw and Swivel Base

623	3	\$36.00	\$22.17	\$31.68
623½	3½	42.00	25.87	36.96
624	4	50.00	30.80	44.00
624½	4½	62.00	38.19	54.56
625	5	84.00	51.74	73.92
626	6	144.00	88.70	126.72
628	8	280.00	172.48	246.40

Machinists' Vises—Swivel Jaw and Swivel Base

643½	3½	\$60.00	\$36.96	\$52.80
644½	4½	84.00	51.74	73.92
646	6	180.00	110.88	158.40

Machinists' Vises can be furnished with ground Smooth Jaws at no extra charge.

Vise No.	Jaw Inches	List Price	Athol Stocking Distributor	Resale Price
Milling Machine Vises				
Complete with Base			12-30%	12%
1024	4	\$62.50	\$38.50	\$55.00
1026	6	81.50	50.20	71.72
1027	7	116.00	71.45	102.08
Without Base				
1024	4	\$50.50	31.10	44.44
1026	6	64.50	39.73	56.76
1027	7	98.00	60.36	86.24

Drill Press and Milling Machine Vises				
813	3	\$52.00	12-30%	12%
913½	3½	18.75	\$32.03	\$45.76
			11.55	16.50

Combination Vises—Stationary Jaw and Swivel Base				
323½	3½	\$52.00	12-30%	12%
324½x	4½	74.00	\$32.03	\$45.76
325x	5	114.00	45.58	65.12
326x	6	180.00	70.22	100.32
			110.88	158.40

Steamfitters' Vise				
1115	5	\$105.00	30%	Net
			\$73.50	\$105.00

Plumbers' Vises				
212	2	\$ 12.35	25%	NET
212½	2½	14.60	\$ 9.26	\$12.35
213½	3½	22.15	10.95	14.60
214½	4½	28.80	16.61	22.15
216	6	65.00	21.60	28.80
218	8	131.50	48.75	65.00
			98.63	131.50

Sheetmetal Workers' Vise—Stationary Jaw and Swivel Base				
424½x	4½	\$70.00	12-30%	12%
			\$43.12	\$61.60

Athol Utility Vises—Stationary Jaw and Stationary Base				
114L	4	\$23.50	12-30%	12%
114½L	4½	26.75	\$14.47	\$20.68
			16.47	23.54

Machinists' Vises with Ratchet Handle—Stationary Jaw and Stationary Base				
613 with ratchet handle	3	\$33.75	12-30%	12%
613½ with ratchet handle	3½	38.50	\$20.79	\$29.70
614 with ratchet handle	4	45.50	23.71	33.88
			28.02	40.04

Machinists' Vises with Ratchet Handle—Stationary Jaw and Swivel Base				
623 with ratchet handle	3	\$41.50	12-30%	12%
623½ with ratchet handle	3½	48.50	\$25.56	\$36.52
624 with ratchet handle	4	57.50	29.87	42.68
			35.42	50.60

Athol Special—Workshop Vise—Stationary Jaw and Swivel Base				
A3½S	3½	\$12.00 East	50%	33-1/3%
		13.00 West	\$ 6.00	\$ 8.00
			6.50	8.67
Minimum Order — One Case — 6 Vises to a Case.				

Athol Universal Vise—Stationary Jaw and Swivel Base						
				Distributors' Net Prices		
Vise No.	Jaw Inches	Vises Per Case	List Price	Full Case	Broken Case	Net
				Lots	Lots	Resale
				50%		33-1/3%
023	3	6	\$15.00	\$ 7.50	\$ 7.70	\$10.00
023½	3½	6	16.50	8.25	8.45	11.00
024	4	3	21.00	10.50	10.75	14.00

Precision Instrument Vise—Stationary Jaw and Swivel Base				
622½	2½	\$28.40	12-30%	12%
			\$17.49	\$24.99

Brass Jaw Caps				
	3	\$ 4.60	\$ 2.83	\$ 4.05
	3½	5.40	3.33	4.75
	4	6.40	3.94	5.63
	4½	7.40	4.56	6.51
	5	9.20	5.67	8.10